



Docket No. 211929US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Loic BRUNEL

SERIAL NO: 09/918,477

GAU: 2631

FILED: August 1, 2001

EXAMINER:

FOR: MULTI-USER DETECTION METHOD

**INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

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**REFERENCES**

- ☒ The applicant(s) wish to make of record the references cited in the attached European Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references. Also, submitted herewith is a French Search Report, the reference(s) cited therein are those cited in the attached European Search Report.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

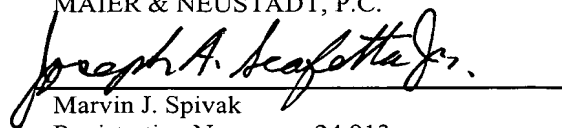
- ☒ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 211929US2		SERIAL NO. 09/918,477	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Loic BRUNEL			
				FILING DATE August 1, 2001		GROUP 2631	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	0 978 951	02/09/2000	EUROPE			
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	M. C. REED, et al., IEEE Journal on Selected Areas in Communications, Vol. 17, No. 12, XP-000920304, pps. 2082-2089, "ITERATIVE MULTIUSER DETECTION USING ANTENNA ARRAYS AND FEC ON MULTIPATH CHANNELS", December 1999					
	AX	S. MOSHAVI, IEEE Communications Magazine, Vol. 34, No. 10, XP-000694489, pps. 124-136, "MULTI-USER DETECTION FOR DS-CDMA COMMUNICATIONS", October 1, 1996					
	AY	B. H. KHALAJ, IEEE International Conference on Communications (CAT. NO. 95CH35749), Vol. 3, XP-002168234, pps. 1520-1524, "SPATIO-TEMPORAL CHANNEL ESTIMATION TECHNIQUES FOR MULTIPLE ACCESS SPREAD SPECTRUM SYSTEMS WITH ANTENNA ARRAYS", 1995					
	AZ						
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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